What's New

NEWS
Newsletter

BIBLIOSTAT CONNECT

login

● How do I?   ● Help

Username:

Password:

Take a Survey

Login

Bibliostat Connect will only work properly in the Internet Explorer browser. The *Connect* **web site is located at http://connect.informata.com**

This is the Login screen. A Username and Password have been assigned to each public library. Contact Jay Bank at KDLA (jay.bank@ky.gov, 502-564-8300 x263) if login information is needed.

Bibliostat Connect is licensed to KDLA for use by Kentucky public library staff only.

The green 'Help' button offers context sensitive assistance.

On this page 'HELP' explains the login process and displays the Bibliostat toll-free product support phone number.

The green 'How Do I?' button calls up a series of very good online tutorials.

Enter your Username and Password. Click on the 'Next' button.

Select a database. Choices include:

- **FSCS – The national collection of all public libraries in the U.S. The data is older than those in the Kentucky database.**
- **PLA – National sample includes 17 Kentucky libraries.**
- **ARL – Academic library set.**
- **U.S. States – Latest numbers from Kentucky and 33 other states.**

To do a peer comparison select a 'Me' library. This will usually be your library.

In my example I am using the Kentucky database with Boone County as the 'me' library. I will select other libraries that share similar characteristics. They will be my peers.

Notice the four oval buttons at the top right of your screen: libraries, data, format, and results. These will become highlighted to mark your progress through the program. The buttons can be used to quickly move to a previous step, make changes there, and then proceed without losing options already selected for this graph or table.

To advance to the next screen always click on the 'Next' button (not shown in my picture) at the bottom right of the page.

libraries

libraries → data → format →

O Setup   Select Libraries   O Log Out   O How do I?

Saved Lists

Selected Libraries

--None Selected--

Choose 'select by peers.'

This will lead to the 'Select by Peers Setup' screen shown next.

select by peers

select alphabetically

select benchmarks

Available Criteria

- Main Library Square Footage
- ☑ Population of Legal Service Area
- Total Library Square Footage
- ⊞ Expenditures
- ⊞ Income
- ⊟ Staff
  - ⊞ Percents And Ratios
  - # of ALA MLS FTEs
  - # of BLS Librarian FTEs
  - # of Librarians with Bachelors Degree
  - # of Librarians with Masters Degree
  - # of Non ALA FTEs
  - # of Volunteers
  - All Other Paid Employees
  - Total # of Librarian FTEs
  - Total Hours Worked by Volunteers
  - ☑ Total Paid Staff FTEs
- ⊞ Holdings
- ⊞ Circulation

Selected Criteria

Statistical Data Elements

Population of Legal Service Area
Boone County Public Library District: 90,489

Minimum Value	Maximum Value
75000	100000

Total Paid Staff FTEs
Boone County Public Library District: 52.00

Minimum Value	Maximum Value
40	65

Click on any plus sign (+) to expand available criteria.

A folder in each category includes percents and ratios that may also be selected. Click on the check box(es) to choose criteria.

Fill in the range of acceptable peer values for each of the selected criteria in the right panel.

I chose population and staff (FTE) as my basis in selecting peer Kentucky libraries.

Click 'Next.'

Library Name	Population of Legal Service Area	Total Paid Staff FTEs
Boone County Public Library District	90,489	52.00
Campbell County Public Library District	88,362	53.00
Daviess County Public Library District	91,793	49.00

Population of Legal Service Area
75,000   100,000

Total Paid Staff FTEs
40   65

Refine

In this example, peer libraries Campbell and Daviess have been selected based upon our criteria -- population and staff FTEs.

Criteria may be changed on this screen if desired. To do so, enter new range values in the box on the right of the screen. Click on the 'refine' button to display new peer choices.

Click the 'Next' button when ready to proceed.

Selected Libraries

Boone County Public Library District
Campbell County Public Library District
Daviess County Public Library District

select by peers

select alphabetically

select benchmarks

Unless one wishes to add more libraries to the comparison skip through this page by clicking 'Next.'

BIBLIOSTAT CONNECT – QUICK TUTORIAL

Available Data Elements
- ¼ ☐ % of Personnel Expenditures are Fringe Benefits
- ¼ ☐ % of Personnel Expenditures are Salaries and W
- ¼ ☐ % of Total Expenditures is Capital Outlay
- ¼ ☐ % of Total Expenditures is Collection Expenditure
- ¼ ☐ % of Total Expenditures is Operating Expenditure
- ¼ ☐ % of Total Expenditures is Personnel Expenditure
- ¼ ☐ % of Total Operating Expenditures are Continuing
- ¼ ☐ % of Total Operating Expenditures are Electronic
- ¼ ☐ % of Total Operating Expenditures are General E
- ¼ ☐ % of Total Operating Expenditures are Other Exp
- ¼ ☐ Capital Outlay per Capita
- ¼ ☐ General Operating Expenditures per Capita
- ¼ ☐ Total Collection Expenditures per Capita
- ¼ ☐ Total Expenditures per Capita
- ¼ ☐ Total Operating Expenditures per Capita
- ¼ ☐ Total Other Operating Expenditures per Capita
- ¼ ☑ Total Personnel Expenditures per Capita
- ♊ ☐ Capital Outlay

Selected Data Elements
Total Personnel Expenditures per Capita

Available Years
- ☑ 2002

Select the data elements and year(s) for the peer group.

In the folder 'Percents and Ratios,' under 'Expenditures' I checked 'Total Personnel Expenditures per Capita.'

I checked the year 2002. The 2003 data will be added to *Connect* later this year.

Click 'Next' to go on.

---

format

libraries → data → **format** → res

○ Setup ——— **Format of output** ○ Log Out ○ How do I?

Type of output: ○ Graph ● Table

Title:
Boone County peer comparison

Group By:
Libraries ▼

Data Type:
Regular ▼

X-axis Title:

Y-axis Title:

Color Scheme:
ChartFX 3.0 ▼

Graph Type:
Bar ▼

Decimal:
0 ▼

Labels: ● Yes ○ No

Show Legend: ● Yes ○ No

Chose either Table or Graph.

We will first look at tables.

'Group By' arranges data on the X axis. 'Data Type' allows numbers to be shown as standardized, regular, percentile, or rank. I am using defaults for this example.

Click 'Next' to display your table.

BIBLIOSTAT CONNECT – QUICK TUTORIAL

Table of data elements selected

Table results may be:

- Printed -- Right click on the table, then left click on print.

- Placed in a spreadsheet – Click on the 'Export to Excel' button.

- Easily revised by using the green buttons on the top of the screen to go back to previous steps.

2002

Libraries	Total Personnel Expenditures per Capita
Boone County Public Library District	$17.29
Campbell County Public Library District	$11.97
Daviess County Public Library District	$11.86

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E-Mail Support

Creating a Graph

Format of output

On the format screen click on the 'Graph' button. Add a title for the graph.

Type of output: ⦿ Graph ○ Table

Title: Personnel Expenditures per Capita

Group By: Libraries

Data Type: Regular

X-axis Title:

Y-axis Title:

Color Scheme: ChartFX 3.0

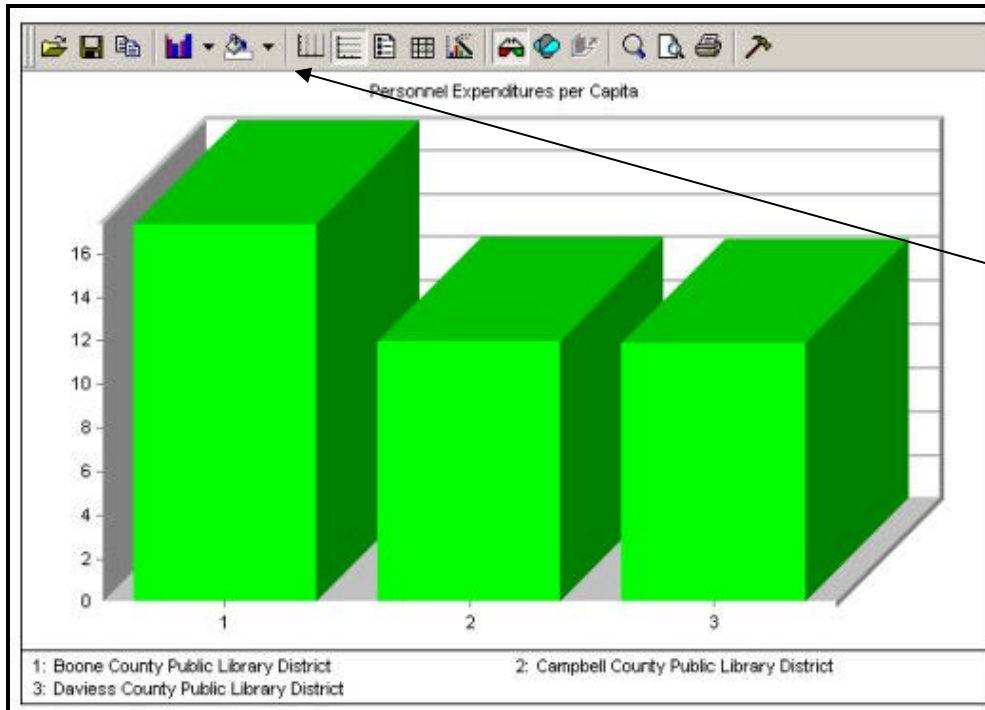Graph Type: Bar

Decimal: 0

Labels: ⦿ Yes ○ No

Show Legend: ⦿ Yes ○ No

There are a great many options available for creating graphs. I will use default choices in this example. Please freely experiment with the different enhancements to the graphics. Everything from changes in color, perspective, grids, rotation, legend, and data insertion is available. This is a pretty powerful interactive bit of software!

Click 'Next.'

Tutorial: Creating Peer Comparison Tables and Graphs in Bibliostat Connect

Personnel Expenditures per Capita

1: Boone County Public Library District   2: Campbell County Public Library District
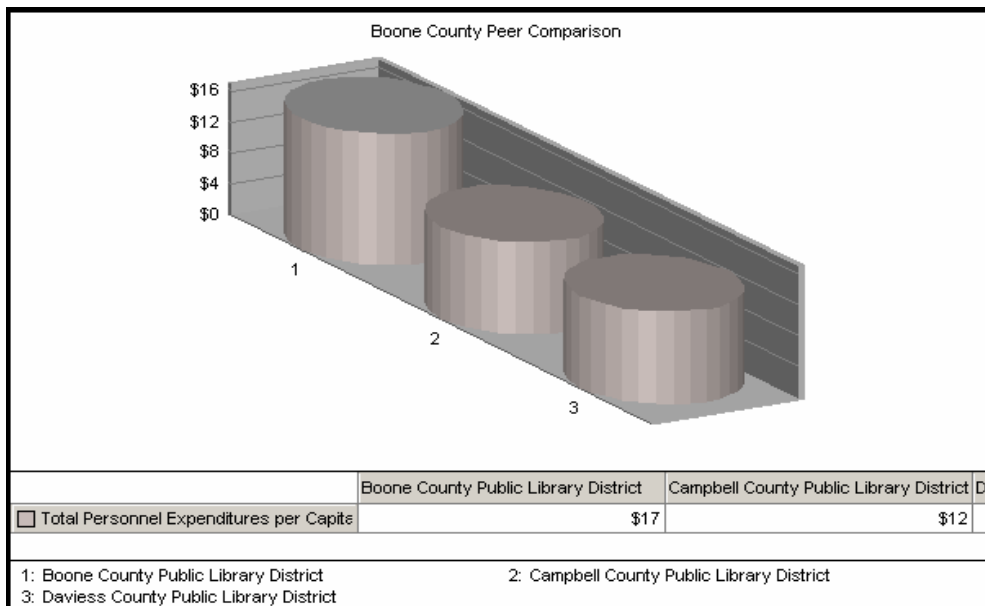3: Daviess County Public Library District

We have quickly produced a graph comparing libraries of a similar population base and staff size.

The legend may be dragged and dropped on any part of the graph.

The icons atop the graph allow for great flexibility in how your data appears.

I have altered the graph using some of these options. The new graph is shown below.

Boone County Peer Comparison

	Boone County Public Library District	Campbell County Public Library District	D
Total Personnel Expenditures per Capita	$17	$12	

1: Boone County Public Library District   2: Campbell County Public Library District
3: Daviess County Public Library District

Same comparison, different look.

Graphs may be pasted to another software program: word processor, spreadsheet, presentation package such as powerpoint, or an e-mail attachment.

Now to look at alphabetical library selection.

BIBLIOSTAT CONNECT – QUICK TUTORIAL

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Enter your Username and Password. Click on the 'Next' button.

Selecting alphabetically allows comparison without choosing peer libraries.

The following example will highlight a good use of alphabetical selection.

We are going to compare Boyd County Public Library with libraries in neighboring counties in Kentucky, Ohio, and West Virginia.
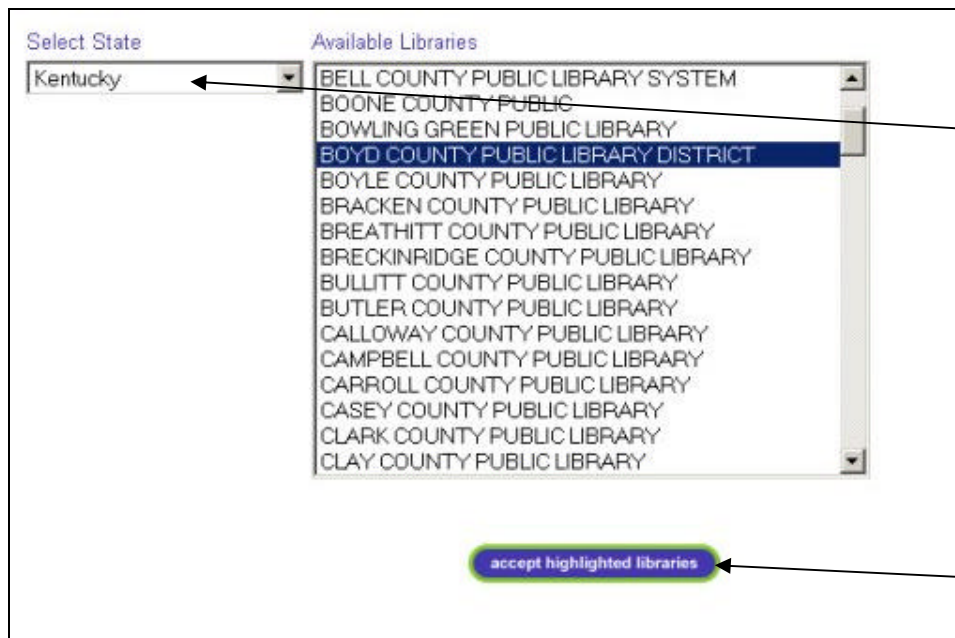
The FSCS national database is selected.

The "Select 'Me' Library" is used in peer comparisons. It is not filled in here.

Click 'Next' to advance to the following page.

BIBLIOSTAT CONNECT – QUICK TUTORIAL

Selected Libraries

--None Selected--

select by peers

select alphabetically

select benchmarks

delete all   delete selected

Click on the 'select alphabetically' button.

Select State

Kentucky

Available Libraries

BELL COUNTY PUBLIC LIBRARY SYSTEM
BOONE COUNTY PUBLIC
BOWLING GREEN PUBLIC LIBRARY
BOYD COUNTY PUBLIC LIBRARY DISTRICT
BOYLE COUNTY PUBLIC LIBRARY
BRACKEN COUNTY PUBLIC LIBRARY
BREATHITT COUNTY PUBLIC LIBRARY
BRECKINRIDGE COUNTY PUBLIC LIBRARY
BULLITT COUNTY PUBLIC LIBRARY
BUTLER COUNTY PUBLIC LIBRARY
CALLOWAY COUNTY PUBLIC LIBRARY
CAMPBELL COUNTY PUBLIC LIBRARY
CARROLL COUNTY PUBLIC LIBRARY
CASEY COUNTY PUBLIC LIBRARY
CLARK COUNTY PUBLIC LIBRARY
CLAY COUNTY PUBLIC LIBRARY

accept highlighted libraries

We begin by selecting desired Kentucky counties in the FSCS database.

Chose Kentucky in the pull-down menu.

Two in-state counties (alas, Carter has no public library) border Boyd – Greenup and Lawrence.

Click on one of the three libraries. Scroll to find another. Hold the control key and click. Find the third library. Again, hold the control key and click. All three counties are selected.

Click 'accept highlighted libraries.'

Selected Libraries

BOYD COUNTY PUBLIC LIBRARY DISTRICT
GREENUP COUNTY PUBLIC LIBRARY DISTRICT
LAWRENCE COUNTY PUBLIC LIBRARY DISTRICT

select by peers

select alphabetically

select benchmarks

delete all   **delete selected**

The libraries picked so far are shown in the 'Selected Libraries' box.

We now want to add the counties in West Virginia on Boyd's border – Cabell and Wayne.

Again, press the 'select alphabetically' button.

Select State

West Virginia

Available Libraries

SUMMERSVILLE PUBLIC LIBRARY
SUTTON PUBLIC LIBRARY
SWANEY MEMORIAL PUBLIC LIBRARY
TAYLOR COUNTY PUBLIC LIBRARY
TERRA ALTA PUBLIC LIBRARY
TYGART VALLEY PUBLIC LIBRARY
TYLER COUNTY PUBLIC LIBRARY
UPSHUR COUNTY PUBLIC LIBRARY
VALLEY HEAD PUBLIC LIBRARY
VIENNA PUBLIC LIBRARY
WAR PUBLIC LIBRARY
WAYNE COUNTY PUBLIC LIBRARY
WEBSTER-ADDISON PUBLIC LIBRARY
WHITE SULPHUR SPGS PUBLIC LIBRARY
WILLIAMSON PUBLIC LIBRARY
WYOMING COUNTY PUBLIC LIBRARY

accept highlighted libraries

Select West Virginia.

Now click on either Cabell or Wayne County. Scroll, hold the control key, and then click on the other county.

Click the 'accept highlighted libraries' button.

BIBLIOSTAT CONNECT – QUICK TUTORIAL

Selected Libraries

BOYD COUNTY PUBLIC LIBRARY DISTRICT
CABELL COUNTY PUBLIC LIBRARY
GREENUP COUNTY PUBLIC LIBRARY DISTRICT
LAWRENCE COUNTY PUBLIC LIBRARY DISTRICT
WAYNE COUNTY PUBLIC LIBRARY

Next, we select Lawrence County in Ohio.

Click on 'select alphabetically' one final time.

select by peers

select alphabetically

select benchmarks

delete all   delete selected

Select State

Ohio

Available Libraries

BRADFORD PUBLIC LIBRARY
BRIGGS LAWRENCE COUNTY PUBLIC LIBRARY
BRISTOL PUBLIC LIBRARY
BROWN COUNTY PUBLIC LIBRARY
BROWN MEMORIAL LIBRARY
BRUMBACK LIBRARY
BUCYRUS PUBLIC LIBRARY
BURTON PUBLIC LIBRARY
CALDWELL PUBLIC LIBRARY
CANAL FULTON PUBLIC LIBRARY
CARDINGTON-LINCOLN PUBLIC LIBRARY
CARNEGIE PUBLIC LIBRARY
CARNEGIE PUBLIC LIBRARY
CARROLL COUNTY DISTRICT LIBRARY
CENTERBURG PUBLIC LIBRARY
CHAMPAIGN COUNTY LIBRARY

Choose Ohio, the state, and Briggs Lawrence for the library.

Accept highlighted libraries.

accept highlighted libraries

BIBLIOSTAT CONNECT – QUICK TUTORIAL

Selected Libraries

BOYD COUNTY PUBLIC LIBRARY DISTRICT
BRIGGS LAWRENCE COUNTY PUBLIC LIBRARY
CABELL COUNTY PUBLIC LIBRARY
GREENUP COUNTY PUBLIC LIBRARY DISTRICT
LAWRENCE COUNTY PUBLIC LIBRARY DISTRICT
WAYNE COUNTY PUBLIC LIBRARY

- select by peers
- select alphabetically
- select benchmarks

- delete all
- delete selected

- next

To proceed with your six counties click on 'Next.'

Available Data Elements

- Statistical Data Elements
  - General Information
  - Expenditures
  - Income
  - Staff
  - Holdings
  - Circulation
  - Programs
  - Inter-Library Loans
  - Electronic Measures
  - Miscellaneous
    - Percents And Ratios
      - ☑ Annual Visits Per Capita
      - ☐ Public Service Hours Per Week Per Outlet
      - ☐ Reference Transactions Per Capita
    - ☐ Annual Library Visits
    - ☐ Reference Transactions
    - ☐ Total Annual Public Service Hours
  - Categorical Data Elements
    - General Information

Selected Data Elements

Annual Visits Per Capita

Available Years

- ☑ 2001
- ☑ 2000
- ☑ 1999
- ☑ 1998
- ☐ 1997
- ☐ 1996

Clear All

back   next

For this example, I am comparing Annual Visits Per Capita for Boyd County and its neighbors for the latest four years of available data: 1998-2001.

Expand the Miscellaneous folder by clicking on the plus (+) sign, then expand Percents And Ratios by clicking on its plus (+) sign. Click on the 'Annual Visits Per Capita' check box.

Select all of the years we want for our comparison.

'Next' to proceed.

format

libraries → data → **format** → results

○ Setup

└─── Format of output

○ Log Out   ○ How do I?   ○ Help

Type of output: ○ Graph ● Table

Title:

X-axis Title:

Group By:
Libraries

Y-axis Title:

Data Type:
Regular

Color Scheme:
ChartFX 3.0

Graph Type:
Bar

Decimal:
0

Labels: ● Yes   ○ No

Show Legend: ● Yes   ○ No

We will begin by construct-
ing a table. Then we will
create a graph of the same
information.

Select 'Table.'

Accept all of the defaults.
Click on 'Next.'

Export to Excel

Annual Visits Per Capita

Libraries	State	1998	1999	2000	2001
BOYD COUNTY PUBLIC LIBRARY DISTRICT	KY	5.97	6.92	6.08	4.8
BRIGGS LAWRENCE COUNTY PUBLIC LIBRARY	OH	4.00	4.63	5.28	5.8
CABELL COUNTY PUBLIC LIBRARY	WV	3.52	5.91	6.22	5.2
GREENUP COUNTY PUBLIC LIBRARY DISTRICT	KY	1.85	2.53	2.09	1.7
LAWRENCE COUNTY PUBLIC LIBRARY DISTRICT	KY	3.54	4.60	4.82	3.5
WAYNE COUNTY PUBLIC LIBRARY	WV	1.18	1.30	1.22	1.2

The table may be sent to a
spreadsheet by clicking on
'Export to Excel.'

The sort order of the table
defaults to the first column.
Click on any column heading
to sort by that field.

For example, click on '2001'
to rank counties from highest
to lowest for Annual Visits
Per Capita for that year. Click
'2001' a second time to list
counties in ascending order.

BIBLIOSTAT CONNECT – QUICK TUTORIAL

Type of output: ● Graph ○ Table

Title:
Comparison with Neighboring Librarie

Group By:
Years

Data Type:
Regular

X-axis Title:

Y-axis Title:

Color Scheme:
ChartFX 3.0

Graph Type:
Bar

Decimal:
0

Labels: ● Yes ○ No
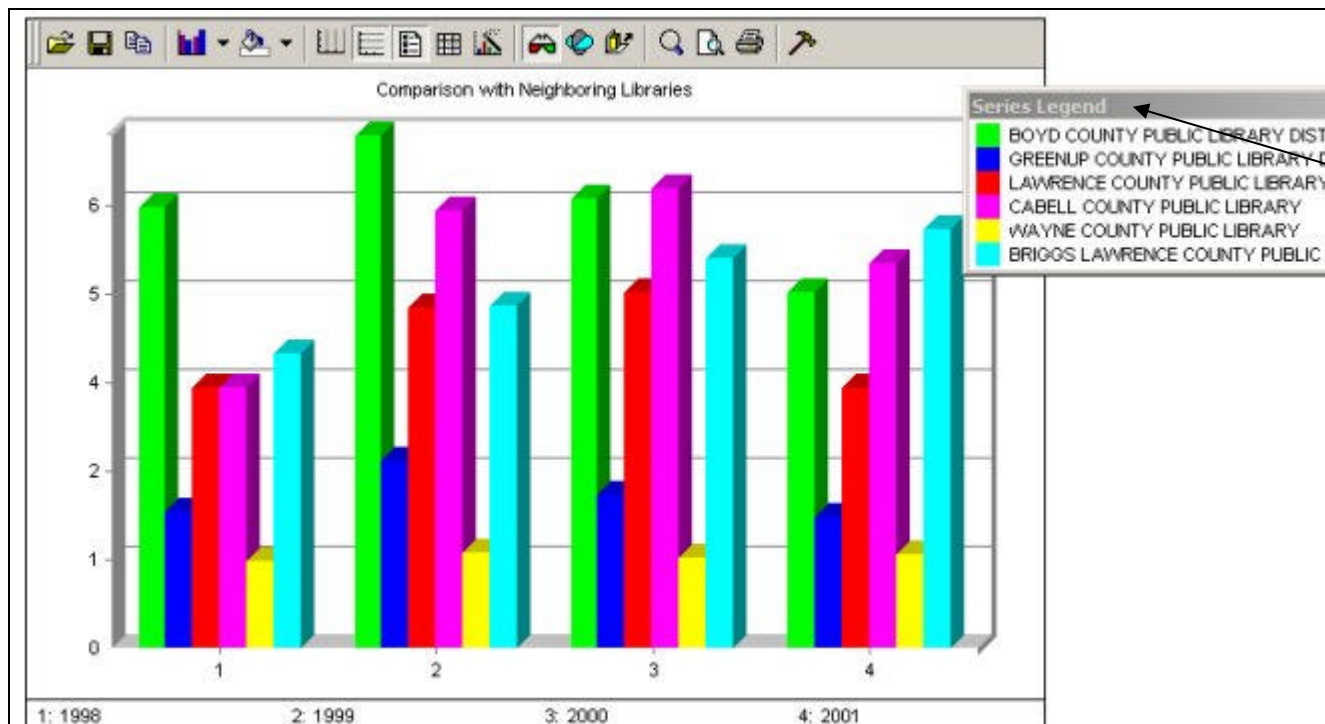
Show Legend: ● Yes ○ No

We will initially produce a simple graph. We then will add some features.

Keep in mind that the graphs are meant to be presented in color. They lose quite a bit in black and white.

I have added a title.

I have grouped the data by years.

Click 'Next' to view the graph.

Comparison with Neighboring Libraries

Series Legend
- BOYD COUNTY PUBLIC LIBRARY DISTR
- GREENUP COUNTY PUBLIC LIBRARY DI
- LAWRENCE COUNTY PUBLIC LIBRARY
- CABELL COUNTY PUBLIC LIBRARY
- WAYNE COUNTY PUBLIC LIBRARY
- BRIGGS LAWRENCE COUNTY PUBLIC L

1: 1998   2: 1999   3: 2000   4: 2001

The legend box needs to be moved.

Hold down the left mouse button while dragging the title bar of the series legend box to any part of the graph. Release the button.

BIBLIOSTAT CONNECT – QUICK TUTORIAL
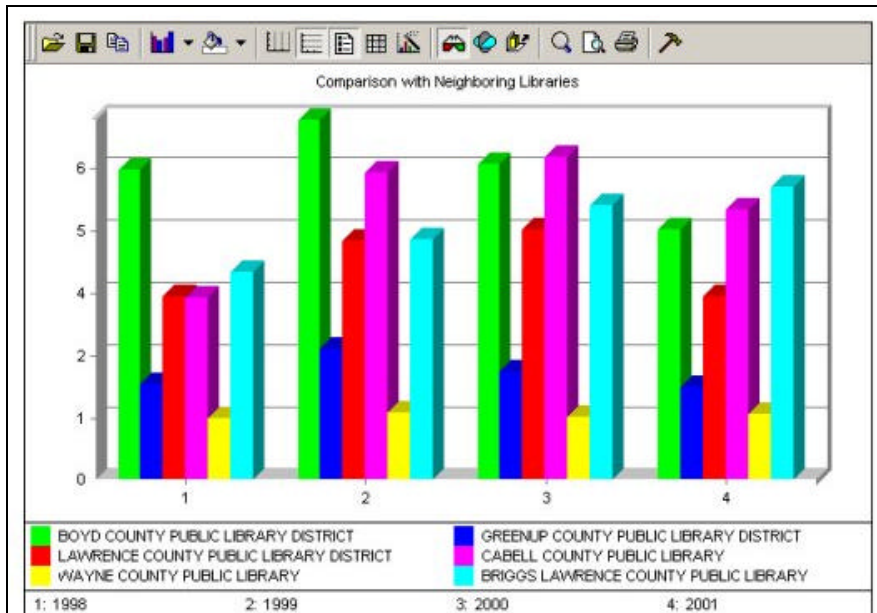
A completed graph.

Note the toolbar above the graph. Many advanced features are accessed through this toolbar or through choosing options by clicking on the graph with the right mouse button.
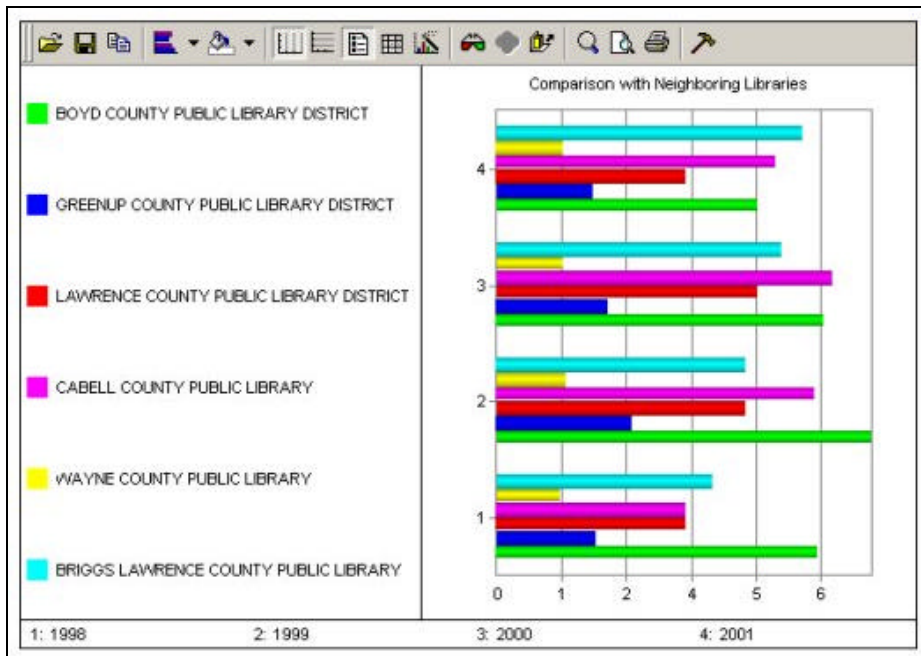
Same data in this graph, with other options selected.

The toolbar icons are described on the following page

BIBLIOSTAT CONNECT – QUICK TUTORIAL

Open Graph – opens a previously save copy of a graph.

Save Graph – saves a copy of your work on disc. Saved with a .CHD file extension

Copy to Clipboard – use this to copy and then paste graph into other applications.

Gallery – drop-down menu offers wide array of graph types including line, bar, pie, and area.

Vertical/Horizontal Grids – buttons toggle grid lines.

Legend Box – turns legend on or off.

Data Editor – puts chart data into graph. Nice feature!

Chart FX Properties –   tabbed pages full of additional options.

3D/2D – toggle graph perspective.

Rotate – change view and depth of the image.

Z-Clustered – in 2D view this creates a stacked bar chart.

Zoom – click, then drag mouse to select zoomed area.

Print Preview, Print, and additional **Toolbars**.